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(57) Abstract

PURPOSE: To effectively prepare and edit a document by obtaining the logical structure of the chapter, clause, itemization, paragraph, etc., of an input document and preparing automatically contents in accordance with the logical structure.

CONSTITUTION: For an input document, the length of one sentence and a heading word dictionary 7 are referred to by a heading extracting part 6 and the possibility as the heading is decided. A heading rule dictionary 8a is referred to by a heading deciding part 8 and it is decided whether or not a heading candidate is a heading. For a decided sentence, a document structure rule dictionary 9a is referred to by a document structure deciding part 9, the document logical structure of a chapter heading, clause heading, paragraph, etc., and stored into a logical structure storage part 10. A contents extracting part 11 extracts the chapter heading, clause heading, etc., as the contents from the logical structure storage part 10 and stores them into a contents storage part 12 corresponding to the sentence data.

